
TECHNICAL MANUAL

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**ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT,
MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST**

**AIR-CONDITIONER; COMPACT VERTICAL
208V, 3 PHASE
18,000 BTUH COOLING; 12,000 BTUH HEATING
(AMERICAN AIR FILTER MODELS)
CH-420-1, 400 HERTZ
NSN 4120-00-909-0388
CH-620-1, 50/60 HERTZ
NSN 4120-00-909-0387**

HEADQUARTERS, DEPARTMENT OF THE ARMY

21 JANUARY 1980

TECHNICAL MANUAL

No. 5-4120-312-24P

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 21 January 1980**

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MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS
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NSN 4120-00-909-0388 CH-620-1 50/60 HERTZ NSN 4120-00-909-0387**

Current as of 22 October 1979**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support & Aviation Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

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Code	Definition
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly. Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any item source coded above except those coded XA or XD.

(2) **Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the fourth position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobil depot, specialized repair activity only.

Code	Definition
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.

NOTE

Codes "I" and "F" will be considered the same by direct support units.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair if the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated Specialized Repair Activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically repairable, condemn and dispose at organization level.
F	Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.

Section I. INTRODUCTION

1. Scope.

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for operation and performance of organizational, direct support, and general support maintenance of the Air-Conditioner. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General.

a. Section II - Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN, as the last group in Section II.

b. Section III - Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance. (Not applicable).

c. Section IV - National Stock Number and Part Number Index. A list in National Item Identification Number (NIIN) sequence of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns.

a. Illustration. This column is divided as follows:

(1) **Figure Number.** Indicates the figure number of the illustration in which the item is shown.

(2) **Item Number.** The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) **Source Code.** Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot support maintenance level.

Recoverability

Codes	Definition
H	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Items requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set, with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same mode, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

4. Special Information.

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 5-4120-312-14. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

b. Detailed assembly instructions for items source coded to be assembled are found in TM 5-4120-312-14. Assembly components are listed immediately following the item to be assembled.

c. Repair parts kits and gasket sets appear as the last entries in the repair parts listing for the figure in which it's parts are listed as repair parts or are listed at the end of the repair parts listing for the last figure containing parts of the kit.

d. The following publications pertain to the Air-conditioner, and its components:

TM 5-4120-312-14 Operator, Organizational, Direct Support and General Support Maintenance Manual.

5. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Unknown:

(1) **First.** Using the Table of Contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) **Second.** Find the illustration covering the functional group to which the repair part belongs.

(3) **Third.** Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) **Fourth.** Using the Repair Parts Listing, find the figure and item number noted on the illustration.

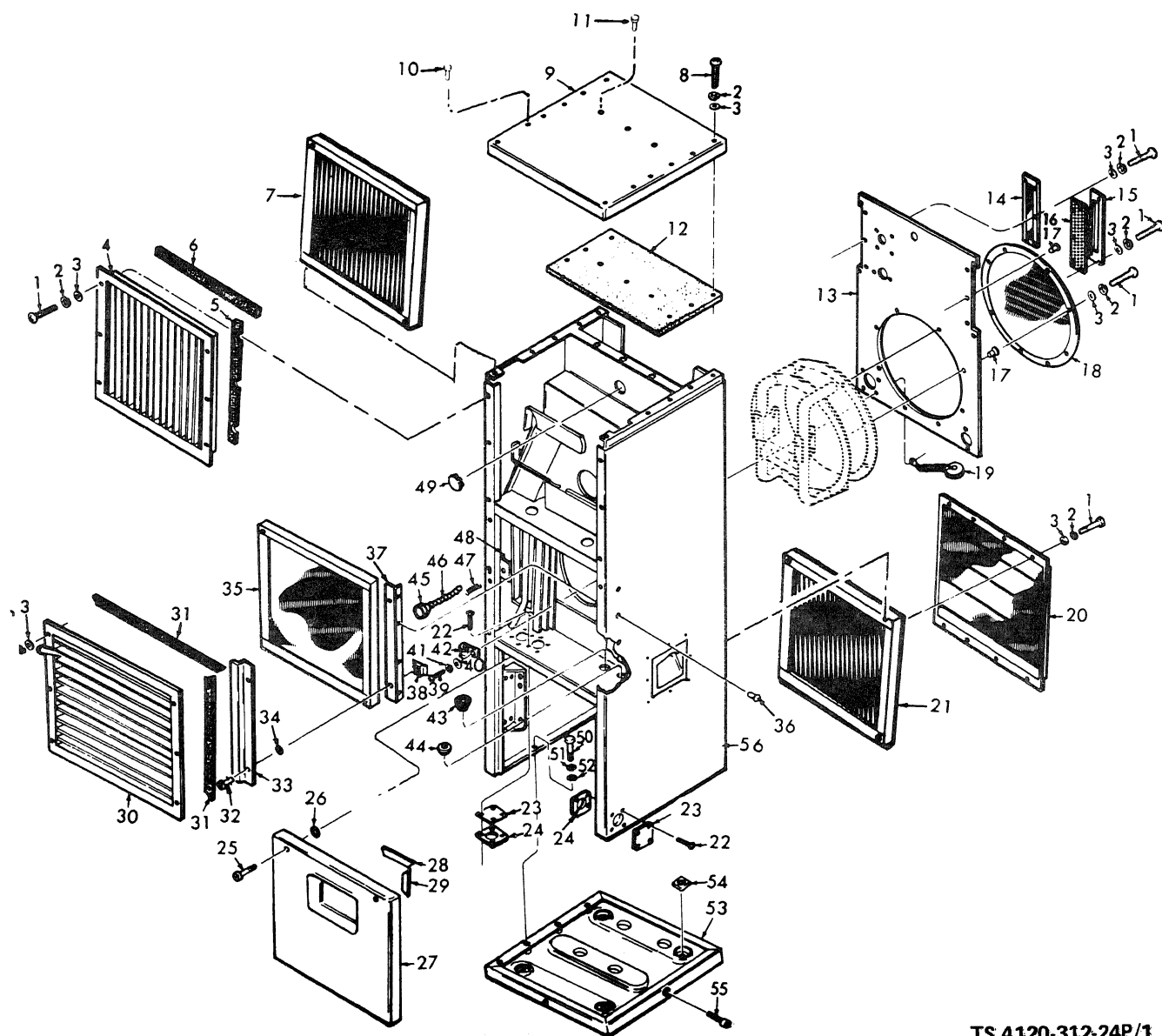
b. When National Stock Number or Part Number is Known.

(1) **First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent national stock number or part number. This index is in NIIN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) **Second.** After finding the figure and item number, locate the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations.

Abbreviations	Explanation
amp	ampere(s)
assy	assembly
dc	direct current
dia	diameter
ea	each
ft	foot(feet)
hex	hexagon
id	inside diameter
in.	inch(es)
lg	long(length)
mtg	mounting
od	outside diameter
thd	thread(s)
thk	thick(ness)
w	wall

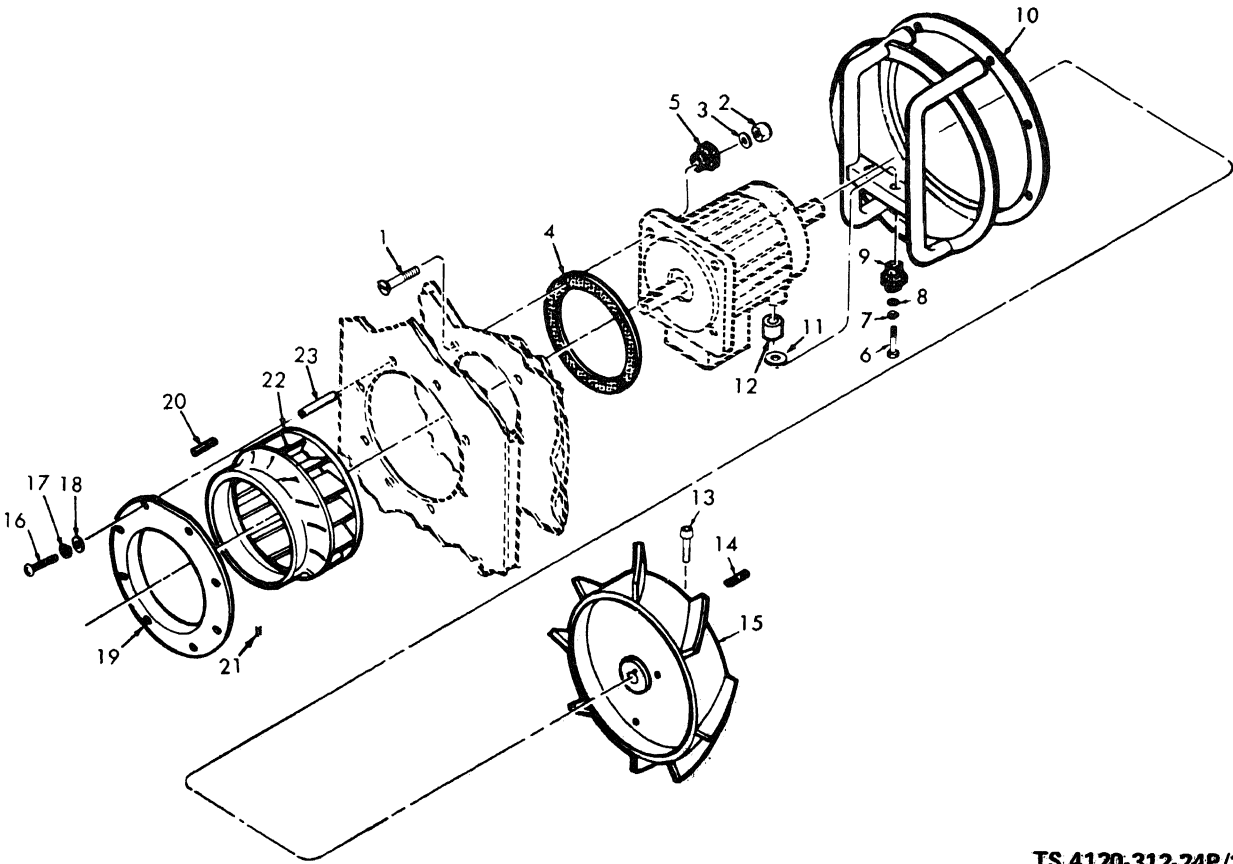


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Figure 1. Base, Casing, Filters, Grilles, and Panels

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	
						GROUP 01 AIR-CONDITIONING HOUSING AND PANELS		
1	1	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW, MACHINE NO. 8 THD SIZE.....	EA	35
1	2	PAOZZ	5310-00-045-3295	MS35338-23	90900	WASHER, LOCK NO. 8 SCREW SIZE.....	EA	43
1	3	PAOZZ	5310-00-809-8544	MS27183-7	90900	WASHER, FLAT NO. 8 SCREW SIZE.....	EA	43
1	4	XEOZZ		8208-1	90900	GRILLE, DISCHARGE EVAPORATOR.....	EA	1
1	5	MUOZZ		93208515465	90900	GASKET, STRIP GRILLE DISCHARGE, SIDE MANUFACTURE FROM: RUBBER STRIP, CELLULAR, NSN 9320-00-851-5465, 1/2 IN. W, 14 IN. LG.....	FT	2
1	6	MUOZZ		93208515469	90900	GASKET, STRIP GRILLE DISCHARGE, TOP AND BOTTOM MANUFACTURE FROM: RUBBER STRIP, CELLULAR, NSN 9320-00-851-5469, 1/2 IN. W, 15 IN. LG.....	FT	2
1	7	XEOZZ		8246-100	90900	FILTER, MIST.....	EA	1
1	8	PAUZZ	5305-00-984-6194	MS35206-246	90900	SCREW, MACHINE MTG, TOP, NO. 8-32 THD SIZE, 5/8 IN. LG.....	EA	18
1	9	XBOZZ		8157-100	90909	COVER ASSY, TOP.....	EA	-
1	10	PAUZZ	5310-00-208-5135	MS27131-14K	90900	NUT, BLIND RIVET TOP ASSEMBLY.....	EA	
1	11	PAUZZ	5310-00-929-4125	MS27131-8K	90900	NUT, BLIND RIVET TOP ASSEMBLY.....	EA	
1	12	MFTZZ		MIL116562	81049	INSULATION COVER, 11-1/2 IN. W, 15-1/2 IN. LG, 1/2 IN. THK MANUFACTURE FROM: RUBBER SHEET, MIL116562.....	SH	
1	13	XBHZZ		8279-1	90900	PANEL, BACK.....	EA	
1	14	XBUZZ		MAF92027-100	90900	SCREEN, FRESH AIR.....	EA	1
1	15	XBUZZ		8313-1	90900	COVER, CARBURETOR.....	EA	1
1	16	MUOZZ		93208515465	90900	GASKET COVER, CARBURETOR, 2-7/8 IN. W, 12-1/2 IN. LG, MANUFACTURE FROM: RUBBER SHEET, NSN 9320-00-851-5469.....	FT	V
1	17	XBHZZ	5310-01-012-1413	MS27130-16K	90900	NUT, BLIND RIVET BACK PANEL NO. 8-32 THD. SIZE.....	EA	18
1	18	XBUZZ		8183-100	90900	GUARD, CONDENSER.....	EA	1
1	19	XBOZZ	5335-00-577-8585	MS25043-22C	90900	COVER, ELECTRICAL POWER SUPPLY RECEPTACLE.....	EA	1
1	20	XBUZZ		8184-100	90900	GRILLE, CONDENSER.....	EA	1
1	21	XBUZZ		8796-100	90900	FILTER, CONDENSER.....	EA	1
1	22	PAUZZ	5305-00-053-1114	MS24621-11	90900	SCREWS, TAPPING, COVER MTG, NO. 4-24 THD SIZE, 1/2 IN. LG..	EA	16
1	23	XBUZZ		8189-1	90900	COVER RECEPTACLE.....	EA	4
1	24	XBOZZ	4100-00-963-2335	C6974-22-41	78033	RING ASSEMBLY, RECEPTACLE HOLE COVER.....	EA	4
1	25	XEOZZ		8336-2	90900	SCREW, PANEL LOWER FRONT.....	EA	2
1	26	XEOZZ		8337-1	90900	WASHER, RETAINING LOWER FRONT PANEL.....	EA	2
1	27	XEOZZ		8212-1	90900	PANEL LOWER FRONT.....	EA	1
1	28	MUOZZ		93208515465	90900	GASKET, STRIP LOWER FRONT PANEL TOP AND BOTTOM MANUFACTURE FROM: RUBBER SHEET, CELLULAR, NSN 9320-00-851-5469, 5/16 IN. W, 6 IN. LG. REQUIRED.....	FT	1
1	29	MUOZZ		93208515465	90900	GASKET, STRIP LOWER FRONT PANEL, SIDES MANUFACTURE FROM: RUBBER SHEET, CELLULAR, NSN 9320-00-851-5469, 5/16 IN. W, 2-1/2 IN. LG. REQUIRED.....	FT	V
1	30	XEOZZ		8210-1	90900	GRILLE INTAKE.....	EA	1
1	31	MUOZZ		93208515465	90900	GASKET, STRIP GRILLE INTAKE MANUFACTURE FROM: RUBBER STRIP CELLULAR, NSN 9320-00-851-5469, 4 PCS, 3/4 IN. W, 13 IN. LG. REQUIRED.....	EA	V
1	32	XEOZZ	5325-00-724-7655	1251-9-1AA	71200	STUD, FASTENER MTG, FILTER RETAINER.....	EA	2

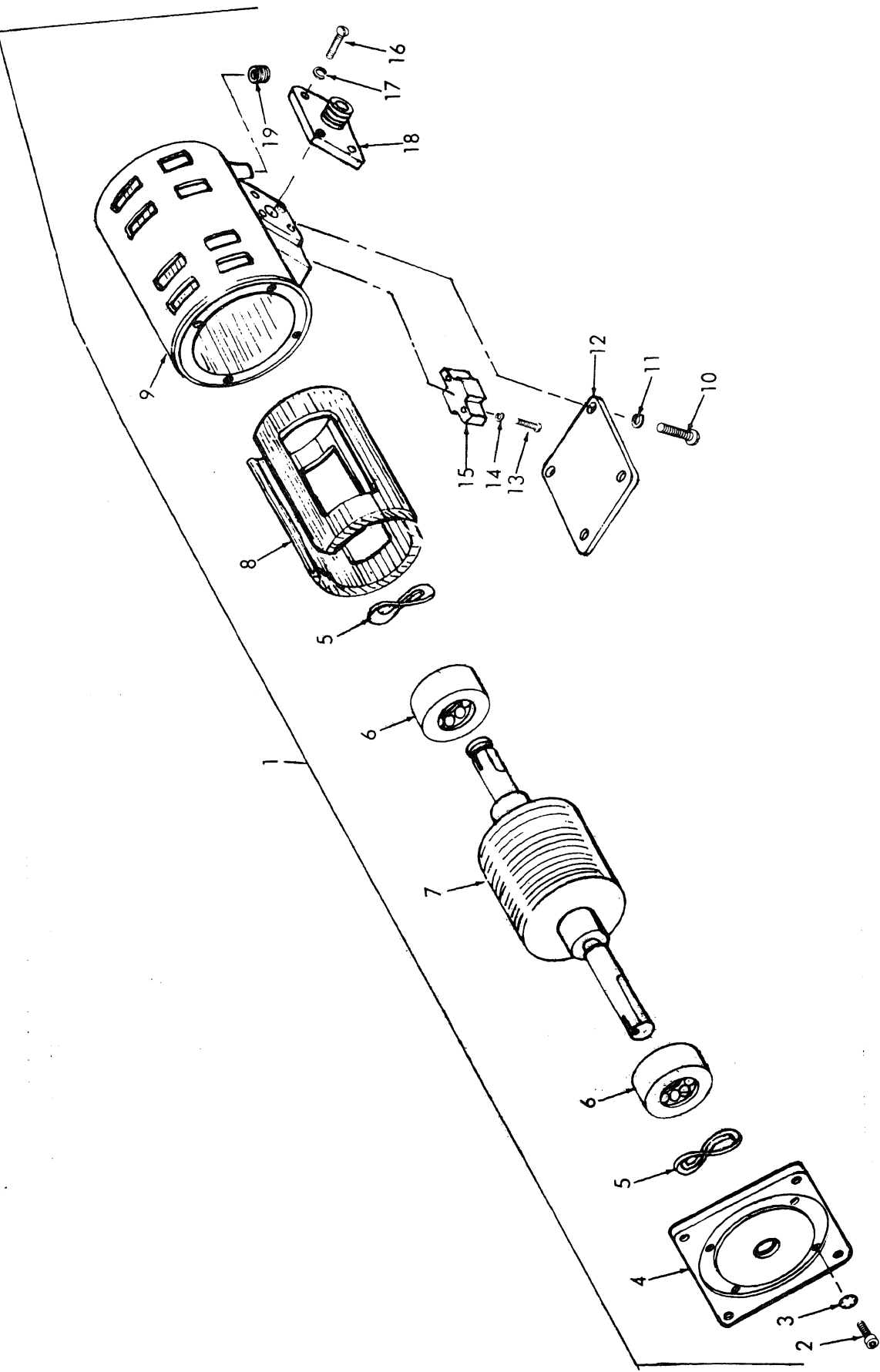
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
	33	XBUZZ		E225-1	70570	RETAINER, FILTER.....	EA	1
	34	PAUZZ	5310-00-530-9563	553-1	71200	WASHER, LOCK FILTER RETAINER MTG.....	EA	2
	35	PAUZZ	4130-C0-961-6415	FLR7C	00532	FILTER, BLOWER.....	EA	1
	36	PAFZZ	5310-00-117-6010	MS20426A02-0	70700	RIVET, SOLID FILTER SUPPORT MTG.....	EA	4
	37	XBUZZ		5188-1	70570	SUPPORT, FILTER BLOWER.....	EA	1
	38	XBUZZ		12R1AA	71200	RECEPTACLE, FILTER.....	EA	1
	39	PAFZZ	5305-00-595-1646	MS35207-265	70700	SCREW, MACHINE CLAMP MTG, NO. 20-12 THD SIZE, 3/4 IN, LG.....	EA	3
	40	PAFZZ	5310-C0-605-6546	MS27583-8	70700	WASHER, FLAT CLAMP MTG, NO. 20 SCREW SIZE.....	EA	3
	41	XBUZZ		MS35335-8	70700	WASHER, LOCK CLAMP MTG, NO. 20 SCREW SIZE.....	EA	3
	42	XBUZZ	5340-00-543-4394	MS20519C06	70700	CLAMP, LOCK.....	EA	3
	43	XBUZZ		P312	60520	PLUG, BUTTON.....	EA	1
	44	XBUZZ	5975-00-636-0150	58512-3	60520	BUSHING, ELECTRICAL NYLON.....	EA	1
	45	XBUZZ		DISPEND1351 6055-1	70570	PENDANT CHAIN DAMPER CONTROL.....	EA	1
	46	XBUZZ		6222-1 CC	70570	CHAIN ASSEMBLY.....	EA	1
	47	XBUZZ		MS24580C1	70700	SPRING, HELICAL, DAMPER.....	EA	1
	48	XBUZZ		6141-1	70570	ANGLE DAMPER DADR CHAIN.....	EA	1
	49	XBUZZ		6620-1	7771	PLUG, BUTTON.....	EA	1
	50	XBUZZ		MS35098-5	70700	SCREW, CAP HEXAGON BASE TO CASE MTG.....	EA	7
	51	XBUZZ		MS3513925	70700	WASHER, LOCK BASE TO CASE MTG.....	EA	7
	52	PAFZZ	5310-C0-605-4056	MS27583-10	70700	WASHER, FLAT BASE TO CASE MTG.....	EA	7
	53	XBUZZ		6173-1	70570	BASE.....	EA	1
	54	XBUZZ		6176-1	70570	CUP, MOUNTING UNIT.....	EA	4
	55	XBUZZ		6178-1	70570	PLUG, PIPE BASE FRONT.....	EA	2
	56	XBUZZ		6162-1 CC	70570	CASING ASSEMBLY.....	EA	1



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Figure 2. Blower Fans and Motor Support

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
						GROUP 02 BLOWER FANS AND MOTOR SUPPORT		
1	1	AEUZZ		MS25191254	70700	SCREW, MACHINE FAN MOTOR MOUNTING.....	EA	4
2	2	PAUZZ	5310-00-644-4872	MS21043-4	70700	NUT, EXTENDED FAN MOTOR MOUNTING.....	EA	4
3	3	PAUZZ	5310-00-603-4058	MS27083-10	70700	WASHER, FLAT FAN MOTOR MOUNTING 1/4 IN. SCREW SIZE.....	EA	4
4	4	XBUZZ		8350-1	70700	ISOLATOR FAN MOTOR.....	EA	1
5	5	AEFZZ		8300-1	70700	GRIPMET FAN MOTOR.....	EA	4
6	6	AEUZZ		8355-1	70700	BOLT, SHOULDERED MOTOR SUPPORT AND CONE ASSEMBLY.....	EA	2
7	7	AEUZZ		MS35135-27	70700	WASHER, LOCK MOTOR SUPPORT AND CONE ASSEMBLY.....	EA	2
8	8	PAUZZ	5310-00-060-6004	MS27183-14	70700	WASHER, FLAT MOTOR SUPPORT AND CONE ASSEMBLY 3/8 SCREW SIZE.....	EA	2
9	9	AEUZZ		8300-2	70700	GRIPMET.....	EA	2
10	10	AEFZZ		8319-100	70700	SUPPORT, MOTOR.....	EA	1
11	11	XBUZZ		8310-1	70700	WASHER, SPECIAL.....	EA	1
12	12	AEFZZ		8303-1	70700	SPACER.....	EA	1
13	13	AEUZZ	5305-00-575-1575	53054751575	70700	SETSCREW CONDENSER FAN MOUNTING.....	EA	1
14	14	PAUZZ	5315-00-730-4577	MS20066-147	70700	KEY, MACHINE CONDENSER FAN MOUNTING.....	EA	1
15	15	AEUZZ		7460864-1	70700	FAN, CONDENSER.....	EA	1
16	16	PAUZZ	5305-00-564-6154	MS35106-246	70700	SCREW, MACHINE NO. 8-32 THD. SIZE, 5/8 IN. LG.....	EA	10
17	17	PAUZZ	5310-00-045-1295	MS35338-13	70700	WASHER, LOCK.....	EA	8
18	18	PAUZZ	5310-00-804-6544	MS27183-7	70700	WASHER, FLAT NO. 3 SCREW SIZE.....	EA	10
19	19	AEUZZ		5221-1	70700	RING, FAN INLET.....	EA	1
20	20	PAUZZ	5315-00-730-4564	MS20066-143	70700	KEY, MACHINE EVAPORATOR FAN MOUNTING.....	EA	1
21	21	AEUZZ		53050102572	70700	SETSCREW EVAPORATOR FAN MOUNTING, HEXAGON SOCKET HEAD, 1/4-20 THD. SIZE, 5/8 IN. LG.....	EA	1
22	22	XBUZZ		7460902REV0	70700	FAN, EVAPORATOR.....	EA	1
23	23	PAUZZ	5310-00-168-7572	MS27130-18K	70700	NUT, BLIND RIVET MOTOR SUPPORT.....	EA	8



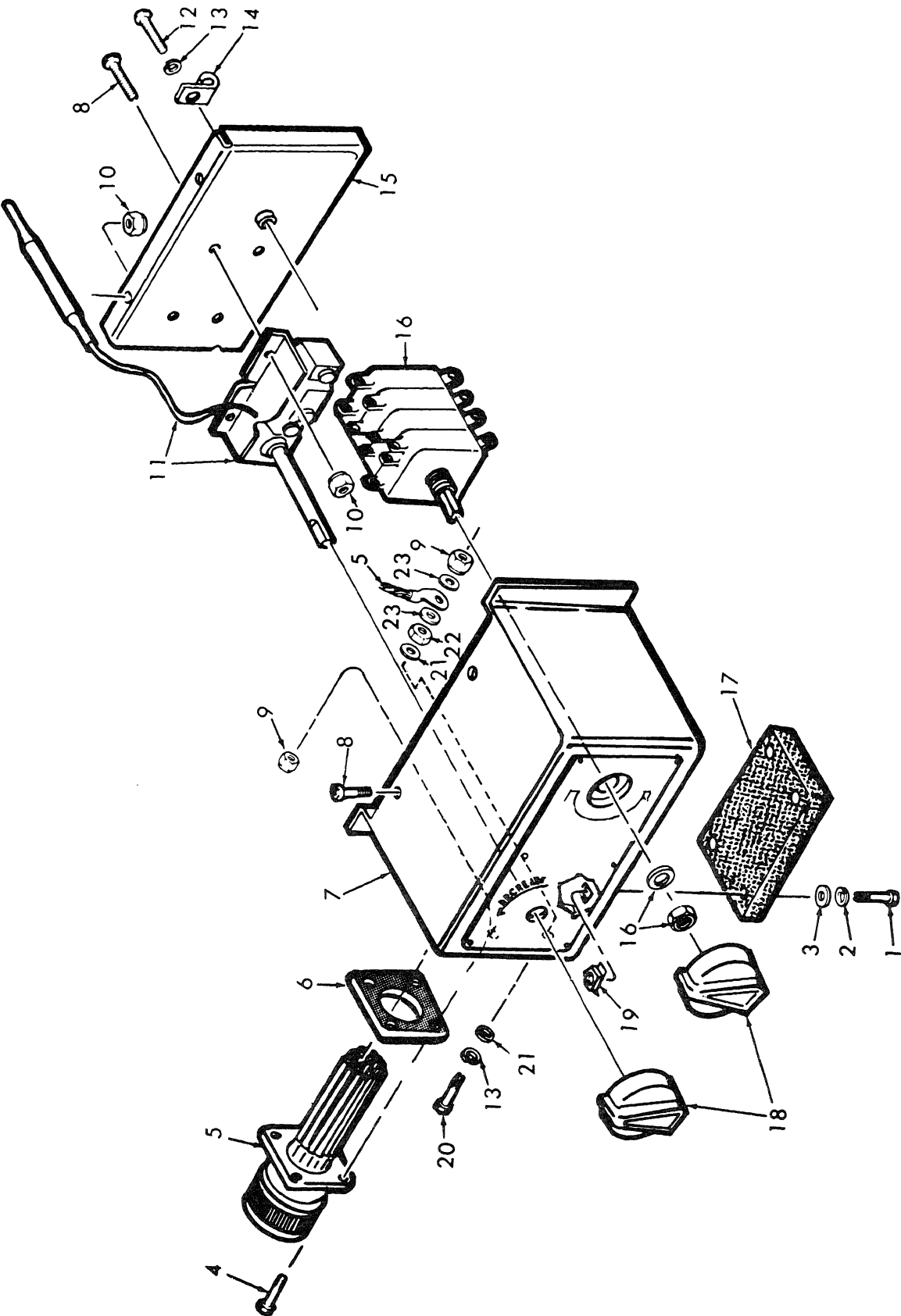
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Figure 3. Blower Motor

SECTION II

TM 5-4120-312-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UN
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
3	1	PAOZZ	6105-00-302-1811	P11675	46175	MOTOR,ALTERNATING C COMPONENTS SAME AS MOTOR,P/N P11675 EXCEPT WHERE ANNOTATED.....	EA	1
3	1	PAOHH	6105-00-932-0793	P11674	46175	MOTOR,ALTERNATING C.....	EA	1
3	2	XBFZZ	5305-00-579-4151	MS35457-23	96906	.SCREW, SOCKET HEAD FLANGE HOOD MTG NO. 10-24 THD. SIZE, 1/2 IN. LG.....	EA	4
3	3	XBFZZ		MS35338-5	90598	.WASHER, LOCK FLANGE HOOD MTG NO. 10 SCREW SIZE.....	EA	4
3	4	XBFZZ		H4-113	46175	.FLANGE, HOOD MOTOR END BELL.....	EA	1
3	5	XBFZZ	5310-00-242-7711	S75-250	46175	.WASHER,SPRING BEARING TENSION.....	EA	2
3	6	XBFZZ		K3062K2	90598	.BEARING, BALL ROTOR SHAFT.....	EA	2
3	7	XBFZZ		H24-86	46175	.ROTOR, MOTOR.....	AFG	1
3	8	XBFZZ		H434-125-10	46175	.STATOR, MOTOR.....	AFG	1
3	9	XAOZZ		H4-130	46175	.FIELD, SHELL.....	EA	1
3	10	XBFZZ		MS35204-53	96906	.SCREW, MACHINE OVERLOAD PROTECTOR COVER MTG, NO. 10-24 THD SIZE, 3/8 IN. LG.....	EA	4
3	11	XBFZZ	5310-00-045-3296	MS35338-5	96906	.WASHER, LOCK OVERLOAD PROTECTOR COVER MTG.....	EA	4
3	12	XBFZZ		H4-118	46175	.COVER OVERLOAD PROTECTOR.....	EA	1
3	13	XBFZZ		53051512286	46175	.SCREW,MACHINE PROTECTOR MTG, FLAT HEAD, NO. 8-32 THD SIZE, 1/2 IN LG.....	EA	2
3	14	XBFZZ		MS35337-4	96906	.WASHER, LOCK PROTECTOR MTG NO. 8 SCREW SIZE, INTERNAL TEETH	EA	2
3	15	XBFZZ		MWH00JX	46175	.PROTECTOR, MOTOR.....	AFG	1
3	16	XBFZZ		53056058160	46175	.SCREW,MACHINE FAN MOTOR CONNECTOR MTG, 4-40 THD SIZE, 3/8 IN. LG.....	EA	4
3	17	XBFZZ		MS35337-2	96906	.WASHER, LOCK FAN MOTOR, CONNECTOR MTG.....	EA	4
3	18	XBFZZ	5935-00-801-6616	MS3102R14S7P	96906	.CONNECTOR, FAN MOTOR.....	EA	1
3	19	XBFZZ		1185-5CN0625	46175	.HELICAL-COIL MOTOR MTG.....	EA	2



TS 4120-312-24P/4

Figure 4. Control Panel and Related Parts

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 03 - CONTROL VALVE		
4	1	XBFZZ	5305-00-068-0502	MS35291-6	96906	SCREW, CAP, HEXAGON CONTROL BOX MTG, 1/4-20 THD SIZE, 3/4 IN. LG.....	EA	4
4	2	XBFZZ		MS35339-25	96906	WASHER, LOCK CONTROL BOX MTG, 1/4 IN. SCREW SIZE.....	EA	4
4	3	PAFZZ	5310-00-809-4058	MS27183-10	96906	WASHER, FLAT CONTROL BOX MTG 1/4 IN. SCREW SIZE.....	EA	1
4	4	PAFZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE CONNECTOR MTG HARNESS ASSEMBLY, NO. 10-32 THD SIZE, 5/8 IN. LG.....	EA	4
4	5	XBFZZ		8289-100	90598	WIRING, HARNESS, CONTROL PANEL TO JUNCTION BOX.....	EA	1
4		XBFZZ	6145-00-578-7517	61455787517	90598	.WIRE, ELECTRICAL 7 FT 6 IN REQUIRED.....	RL	V
4	6	XBFZZ		3804-8	90598	GASKET, RUBBER CONNECTOR MTG.....	EA	1
4	7	XBFZZ		8297-1	90598	BOX, CONTROL.....	EA	1
4	8	PAFZZ	5305-00-984-6193	MS35206-245	96906	SCREW, MACHINE PLATE AND SWITCH MTG NO. 8-32 THD SIZE, 1/2 IN. LG.....	EA	8
4	9	PAFZZ	5310-00-061-7326	MS21045-3	96906	NUT, SELF-LOCKING, NO. 10-32 THD SIZE.....	EA	5
4	10	PAFZZ	5310-00-889-2549	MS21045-08	96906	NUT, SELF-LOCKING, CONTROL BOX MTG, NO. 8-32 THD SIZE.....	EA	8
4	11	PAOZZ	5930-00-994-5614	229XC	92578	SWITCH, THERMOSTIC TEMPERATURE CONTROL.....	EA	1
4	12	PAFZZ	5305-00-964-7814	MS35207-291	96906	SCREW, MACHINE CONTROL BOX NO. 10-32 THD SIZE, 3/8 IN. LG...	EA	1
4	13	PAFZZ	5310-00-045-3296	MS35338-43	96906	WASHER, LOCK CONTROL BOX, NO. 10 SCREW SIZE.....	EA	3
4	14	PAFZZ	5340-00-291-5344	MS21919H5	96906	CLAMP, LOOP.....	EA	7
4	15	XBFZZ		8299-1	90598	PLATE MOUNTING.....	EA	
4	16	XBOZZ	5930-00-907-8948	8912K216	15605	SWITCH, ROTARY.....	EA	
4	17	XBFZZ		8264-1	90598	GASKET CONTROL BOX TO JUNCTION BOX MTG.....	EA	1
4	18	XBOZZ	5355-00-926-5289	RB175	86797	KNOB, CONTROL ROTARY SWITCH.....	EA	2
4	19	PAFZZ	5340-00-586-7652	C7988-1420	78553	NUT, RETAINER, CAGE CONTROL BOX.....	EA	4
4	20	PAFZZ	5305-00-993-1851	MS35207-267	96906	SCREW, MACHINE CONTROL BOX, NO. 10-32 THD SIZE, 1 IN. LG....	EA	1
4	21	PAFZZ	5310-00-584-7800	MS15795-708	96906	WASHER, FLAT CONTROL BOX NO. 10 SCREW SIZE.....	EA	2
4	22	PAFZZ	5310-00-934-9751	MS35650-102	96906	NUT, PLAIN, HEXAGON CONTROL BOX, NO. 10-32 THD SIZE.....	EA	1
4	23	PAFZZ	5310-00-823-8804	MS27183-9	96906	WASHER, FLAT CONTROL BOX, NO. 10 SCREW SIZE.....	EA	2

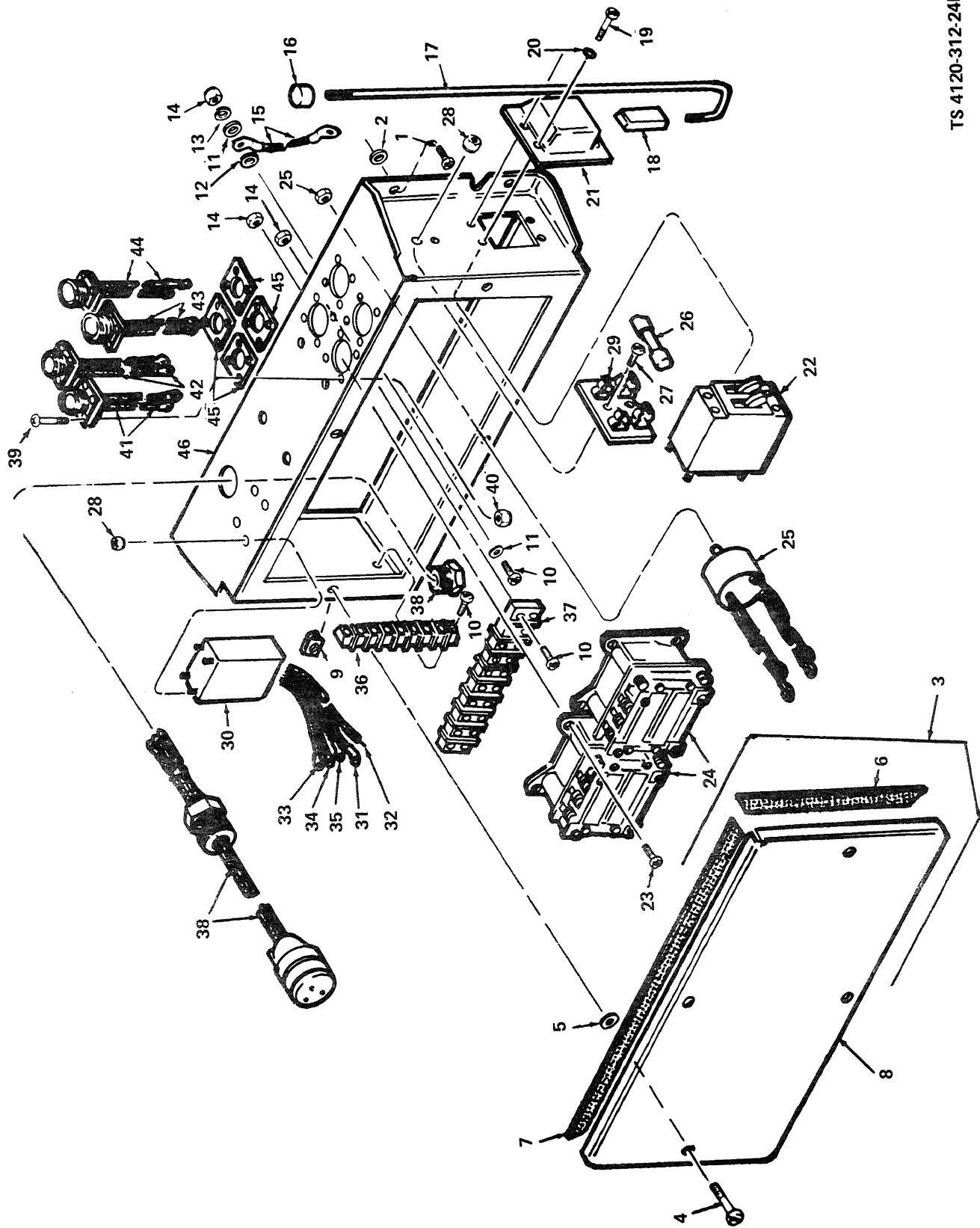


Figure 5. Junction Box

SECTION 11

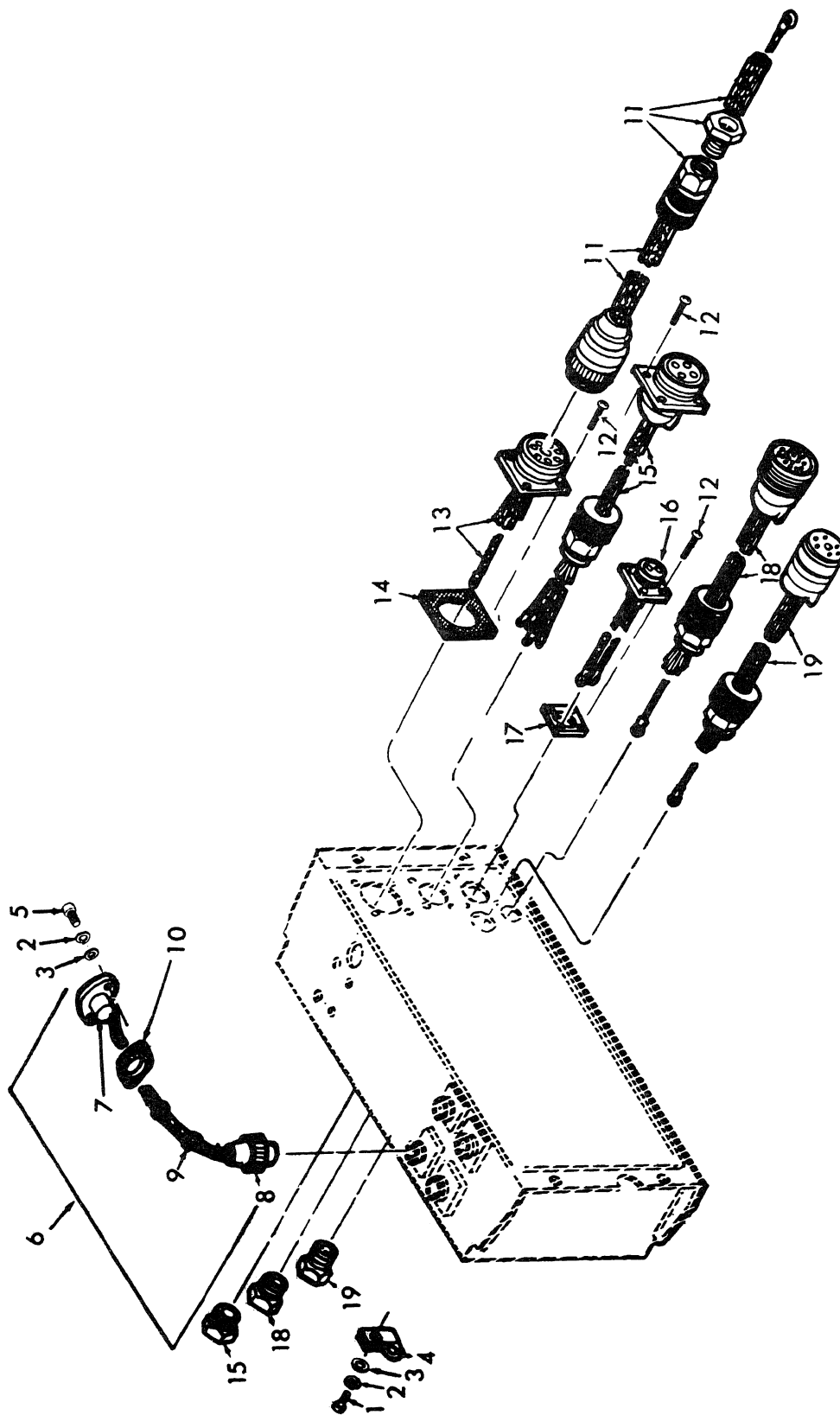
TM 5-4120-312-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
GROUP 04 JUNCTION BOX								
5	1	PAUZZ	5305-CO-959-5237	12-11-203-12	74222	SCREW PANEL FASTENER, JUNCTION BOX MTG.....	EA	4
5	2	XBUZZ		12-110-14-12	74222	WASHER, RETAINING JUNCTION BOX MTG.....	EA	4
5	3	XBUZZ		8308-1 CC	70370	COVER, JUNCTION BOX.....	EA	1
5	4	XBUZZ	5305-CO-869-3116	MS35225-13	70370	SCREW, MACHINE PANEL MTG, NO. 6-22 THD SIZE, 3/8 IN. LG....	EA	4
5	5	XBUZZ		8373-1	70370	WASHER, NONMETALLIC PANEL MTG.....	EA	4
5	6	MCDZZ		9320515465	70370	GASKET, RUBBER COVER, JUNCTION BOX, END, 3/32 IN. THK, 3/8 IN. W, 12-1/2 IN. LG MANUFACTURE FROM: RUBBER, CELLULAR, NSN 9320-00-851-9469.....	FT	2
5	7	MUZZ		9320515465	70370	GASKET, COVER JUNCTION BOX, SIDE, 3/32 IN. THK, 3/8 IN. W, 5-1/2 IN. LG MANUFACTURE FROM: RUBBER, CELLULAR, NSN 9320-00-851-9469.....	EA	2
5	8	XBUZZ		8308-1	70370	PANEL JUNCTION BOX, FRONT.....	EA	1
5	9	XBUZZ		MS50723-29	70370	NUT, SHEET, SPRING PANEL MTG.....	EA	4
5	10	XBUZZ		MS35207-21 C	70370	SCREW, MACHINE NO. 10-32 THD SIZE, 7/8 IN. LG.....	EA	1
5	11	PAJZZ	5310-CO-823-0604	MS27183-5	70370	WASHER, FLAT NO. 10 SCREW SIZE.....	EA	2
5	12	PAJZZ	5310-CO-802-8544	MS15795-7C5	70370	WASHER, FLAT NO. 10 SCREW SIZE.....	EA	2
5	13	PAJZZ	5310-UU-045-3296	MS35338-43	70370	WASHER, LOCK NO. 10 SCREW SIZE.....	EA	1
5	14	PAJZZ	5310-UU-061-7326	MS21045-3	70370	NUT, SELF-LOCKING, NO. 10-32 THD SIZE.....	EA	9
5	15	MUZZ		8179-15	70370	WIRE ASSEMBLY HEATER ELEMENT TO TERMINAL BOARD, MANUFACTURE FROM: WIRE, ELECTRICAL, 24 IN. INSULATED, NSN 6145-00-576-7513, TERMINAL LUG, 1 REQUIRED NSN 5940-00-660-2634, TERMINAL LUG, 1 REQUIRED, NSN 5940-00-204-9242.....	EA	
5	16	XBUZZ		8356-1	70370	KNOB, LINKAGE CIRCUIT BREAKER.....	EA	
5	17	XBUZZ		8357-1	70370	ROD, LINKAGE.....	EA	
5	18	XBUZZ		3750-1	70370	CONNECTOR, LINKAGE CIRCUIT BREAKER.....	EA	1
5	19	XBUZZ		5305354277C	70370	SCREW, MACHINE SHIELD MTG, NO. 6-32 THD SIZE, 5/16 IN. LG....	EA	4
5	20	XBUZZ	5310-UU-032-1614	53100321824	70370	WASHER, LOCK SHIELD MTG, NO. 6 SCREW SIZE.....	EA	1
5	21	XBUZZ		8342-1	70370	COVER, CIRCUIT.....	EA	1
5	22	PAFZZ	5925-UU-925-5126	71-179-2MG6	74270	CIRCUIT BREAKER.....	EA	1
5	23	XBUZZ		71-179-1MG6	74270	CIRCUIT BREAKER.....	EA	1
5	24	PAJZZ	5305-CO-589-7434	MS35207-263	70370	SCREW, MACHINE SCLENGIL MTG NO. 6-32 THD SIZE, 1/2 IN. LG....	EA	8
5	25	PAFZZ	5945-CO-591-8258	9585503	70370	RELAY, ELECTROMAGNET COIL, VOLT 127.....	EA	2
5	26	PAFZZ	5945-UU-513-1749	ERF21581	70370	SEMICONDUCTOR.....	EA	1
5	27	PAUZZ	5940-UU-535-5442	KAW5	74400	FUSE, CARTRIDGE 5 AMP.....	EA	2
5	28	XBUZZ		MS24653-27	70370	SCREW, MACHINE FUSEHOLDER MTG, NO. 6-32 THD SIZE, 7/16 IN. LG.....	EA	2
5	29	PAUZZ	5310-UU-865-2544	MS21045-06	70370	NUT, SELF-LOCKING, NO. 10-32 THD SIZE.....	EA	8
5	30	XBUZZ	5920-UU-242-7448	4525	74400	FUSEHOLDER.....	EA	1
5	31	PAUZZ	5945-CO-505-9222	1410-13	74207	RELAY, ELECTROMAGNET.....	AFH	1
5	32	PAJZZ	5945-CO-556-2680	1409-13	74207	RELAY, ELECTROMAGNET.....	AFH	1
5	33	MUZZ		3780-1	70370	WIRE ASSEMBLY RELAY MANUFACTURE FROM: WIRE ELECTRICAL, 15 IN. REQUIRED, NSN 6145-00-576-7513, TERMINAL LUG, 1 REQUIRED, NSN 5940-00-551-1627.....	EA	1

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
5	32	MOOZZ		3788-2	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,16 IN.REQUIRED,NSN 6145-00-578-7517.....	EA	1
5	33	MOOZZ		3788-3	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 IN.REQUIRED,NSN 6145-00-578-7517 TERMINAL LUG,1 REQUIRED, NSN 5940-00-551-1627.....	EA	1
5	34	MOOZZ		3788-4	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 IN.REQUIRED,NSN 6145-00-578-7517 TERMINAL LUG,1 REQUIRED,NSN 5940-00-551-1627.....	EA	1
5	35	MOOZZ		3788-5	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 1/2 IN.REQUIRED,NSN 6140-00-578-7517 TERMINAL LUG,1 REQD NSN 5940-00-551-1627.....	EA	1
5	36	XBOZZ		699-7	75382	TERMINAL BOARD.....	EA	1
5	37	XBOZZ		MILT551643CLASS3 9TB8	81349	TERMINAL,BLOCK.....	EA	1
5	38	XBOZZ		8326-100	90598	WIRING HARNESS FAN MOTOR.....	EA	1
5	39	PAOZZ	5305-00-889-2997	MS35206-215	96906	SCREW, MACHINE CONNECTOR AND WIRE ASSEMBLY MTG,NO.4-40 THD SIZE,3/8 IN LG. LG.....	EA	20
5	40	PAOZZ	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING, CONNECTOR AND WIRE ASSEMBLY MTG, NO. 4-40 THD SIZE.....	EA	20
5	41	XBOZZ		8197-3	90598	WIRING HARNESS CONNECTOR PLUG TO TERMINAL BOARD, NO. 1.....	EA	1
5	42	XBOZZ		8197-1	90598	WIRING HARNESS CONNECTOR PLUG TO COMPRESSOR CONTACTOR.....	EA	1
5	43	XBOZZ		8197-4	90598	WIRING HARNESS CONNECTOR PLUG TO COMPRESSOR.....	EA	1
5	44	XBOZZ		8197-2	90598	WIRING HARNESS.....	EA	1
5	45	XBOZZ		3804-5	90598	GASKET, RUBBER.....	EA	4
5	46	XBOZZ		8269	90598	JUNCTION BOX.....	EA	1



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Figure 6. Junction Box Wiring Harness and Temperature Switch

SECTION II

TM5-4120-312-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODE		
6	1	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE CLAMP MTG, NO. 8-32 THD SIZE, 5/8 IN. LG.....	EA	1
6	2	PAOZZ	5310-00-045-3299	MS35338-23	96906	WASHER, LOCK CLAMP MTG, NO. 8 SCREW SIZE.....	EA	3
6	3	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT CLAMP MTG, NO. 8 SCREW SIZE.....	EA	3
6	4	XBOZZ		MS21919-15	96906	CLAMP, LOOP.....	EA	1
6	5	PAOZZ	5305-00-984-6191	MS35206-243	96906	SCREW, MACHINE THERMOSTATIC SWITCH MTG NO. 8-32 THD. SIZE, 3/8 IN. LG.....	EA	2
6	6	XBOZZ		8156-100	90598	THERMOSTAT ASSEMBLY OUTSIDE AIR TEMPERATURE.....	EA	1
6	7	PAOZZ	5930-00-981-6680	NTP-25	93410	.SWITCH, OUTSIDE AIR TEMPERATURE.....	EA	1
6	8	PAOZZ	5935-00-819-5887	MS3106R16S4P	96906	.CONNECTOR, PLUG THERMOSTAT ASSEMBLY.....	EA	1
6	9	MOOZZ		61455787517	90598	.LEAD, ELECTRICAL THERMOSTATIC SWITCH MANUFACTURE FROM: WIRE ELECTRICAL, 30 IN. REQUIRED, NSN 6145-00-578-7517.....	FT	V
6	10	XBOZZ		8273-1	90598	GASKET, THERMOSTATIC SWITCH.....	EA	1
6	11	XBOZZ		8293-100	90598	HARNESS ASSEMBLY CONTROL BOX TO HEATERS.....	EA	1
6	12	PAOZZ	5305-00-053-1114	MS24621-11	96906	SCREW, THREAD TAP.....	EA	4
6	13	XBOZZ		8186-100	90598	CONNECTOR ASSY CONNECTOR PLUG TO TERMINAL BLOCK, AND HEATER CONTACTOR.....	EA	1
6	14	XBOZZ		3804-8	90598	GASKET, RUBBER.....	EA	1
6	15	XBOZZ		8294-100	90598	HARNESS ASSEMBLY POWER CONNECTION.....	EA	1
6	16	XBOZZ		8197-5	90598	CONNECTOR, ASSY CONNECTOR PLUG TO TERMINAL BOARD, NO. 12.....	EA	1
6	17	XBOZZ	4130-00-983-2335	C6974-22-41	78553	RING, RETAINING CONNECTOR.....	EA	1
6	18	XBOZZ		8295-100	90598	HARNESS ASSEMBLY COMPRESSOR TO CONTROL BOX.....	EA	1
6	19	XBOZZ		8291-100	90598	HARNESS ASSEMBLY CONTROL CABLE.....	EA	1

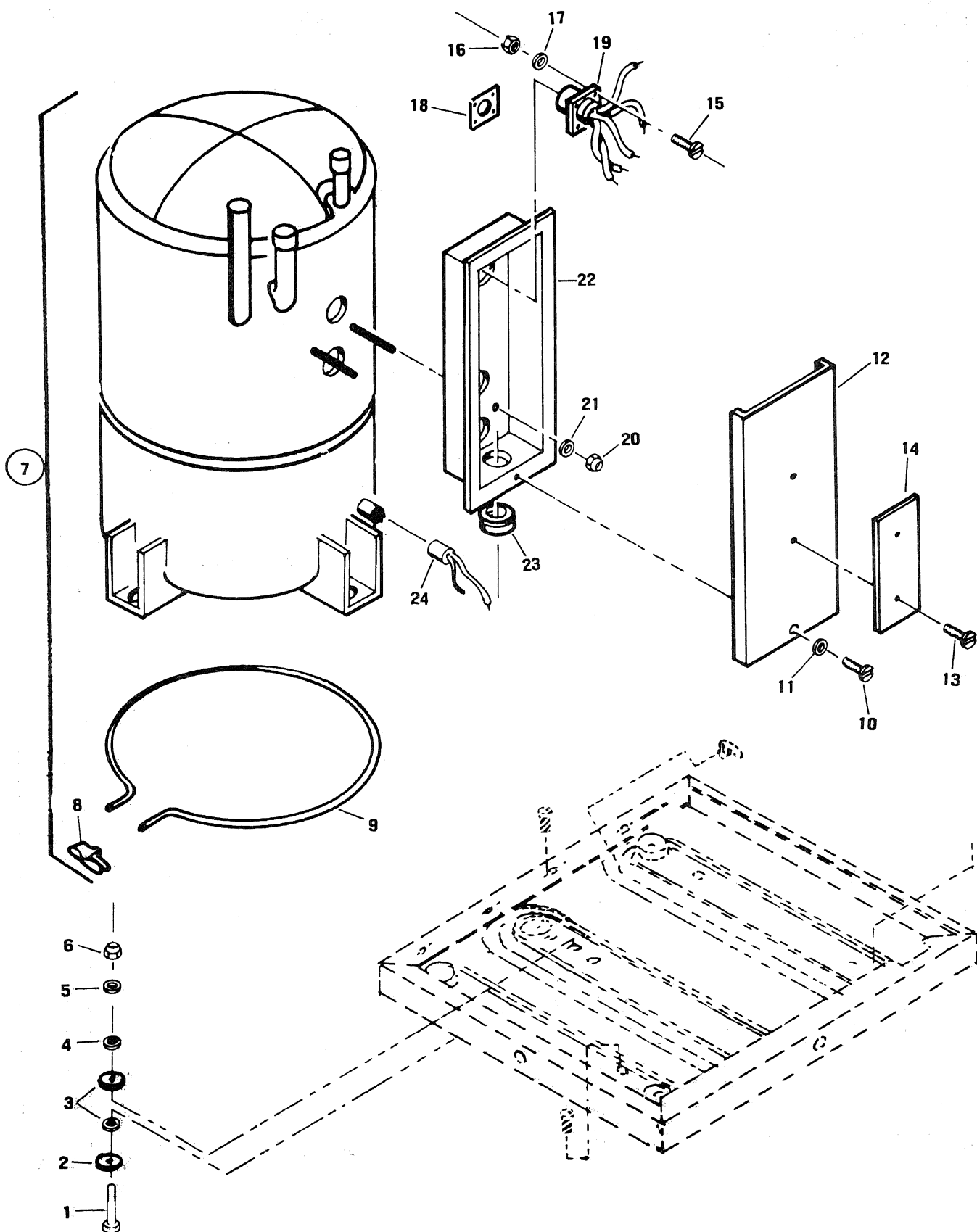
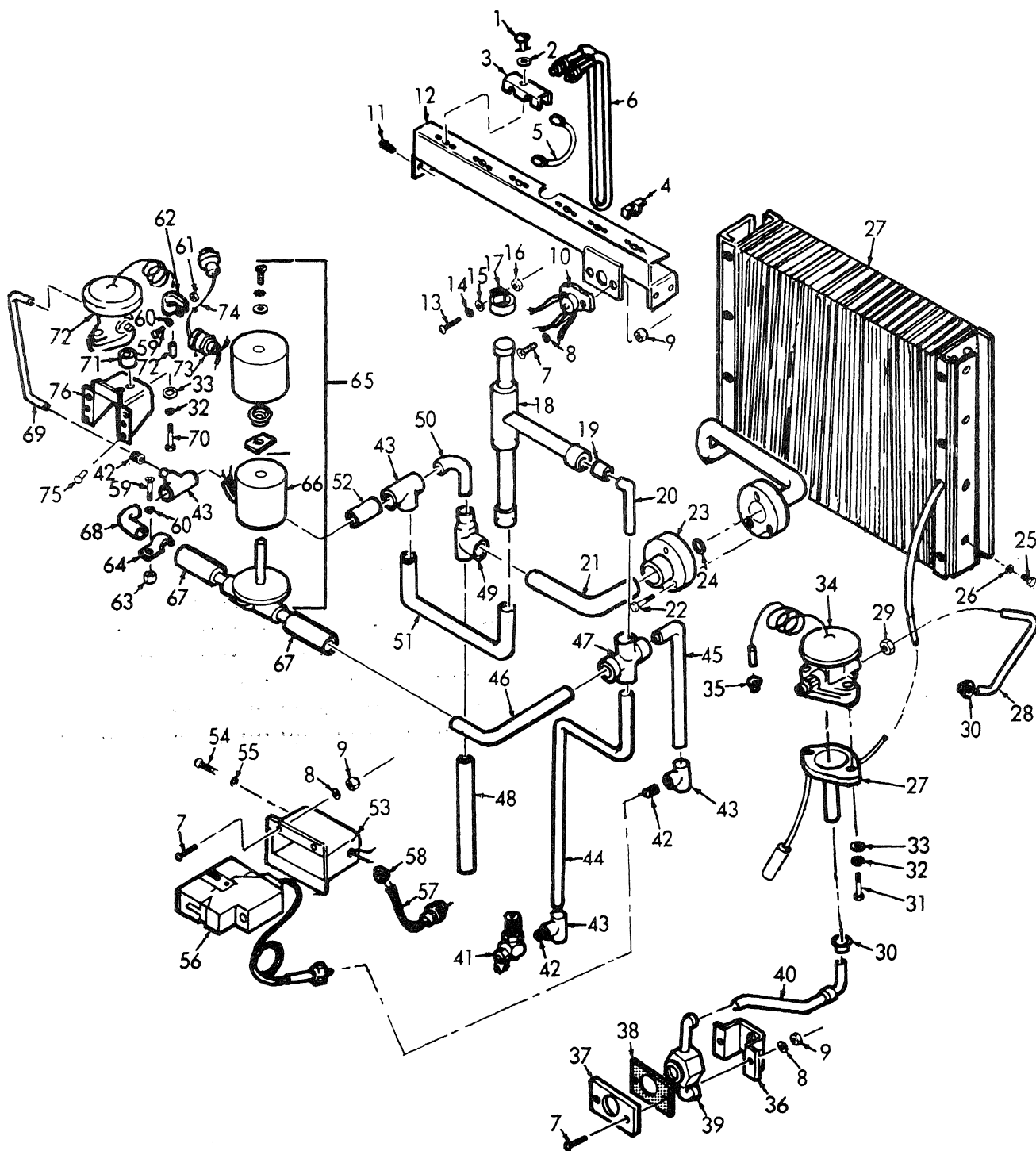


Figure 7. Compressor Assembly.

SECTION II

TM 5-4120-312-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
						GROUP 05 COMPRESSOR ASSEMBLY		
7	1	PAFZZ	5306-00-235-4727	13211E8166	47403	SCREW, SHOULDER.....	EA	4
7	2	PAFZZ	5310-00-167-0768	MS63040-6	96906	WASHER, FLAT.....	EA	8
7	3	PAFZZ	5310-00-401-3365	13211E8170	47403	WASHER, SHOULDER.....	EA	8
7	4	PAFZZ	3120-00-410-6716	13211E8169	47403	BUSHING, SLEEVE.....	EA	4
7	5	PAFZZ	5310-00-167-0767	AN57C-5	88044	WASHER, FLAT.....	EA	4
7	6	PAFZZ	5310-00-860-7144	MS51567-5	46906	NUT, PLAIN, HEXAGON.....	EA	4
7	7	PAFZZ	4130-00-139-3378	6A26M179	10603	COMPRESSOR.....	AFG	1
7	7	PAFZZ	4130-00-139-3372	6A26M185	10603	COMPRESSOR.....	AFH	1
7	8	XEOZZ		KA50ECCEC	10603	CLIP.....	EA	
7	9	XBOZZ		HT32AZ232	10603	HEATER, BAND.....	EA	
7	10	XBOZZ	5305-00-056-5545	MS24621-18	46906	SCREW.....	EA	
7	11	XBOZZ		MS35336-22	46906	WASHER.....	EA	
7	12	XEOZZ		1RG4C76C	10603	COVER, JUNCTION BOX.....	EA	
7	13	XBOZZ		BRG5007E	10603	RIVET.....	F	
7	14	XBOZZ		1RG5212C	10603	NAME PLATE.....		
7	15	XEOZZ	5305-00-689-2545	MS35206-217	46906	SCREW.....		
7	16	XBOZZ	5310-00-534-5735	MS35645-242	46906	NUT.....		
7	17	XBOZZ		MS35338-21	46906	WASHER, LOCK.....		
7	18	XEOZZ		MS51007-1	46906	GASKET.....	EA	
7	19	XBOZZ		MS3102R2C-154	46906	CONNECTOR, RECEPT.....	EA	1
7	20	XBOZZ		RG50048	10603	NUT.....	EA	2
7	21	XBOZZ		AUC2AA151	10603	WASHER.....	EA	2
7	22	XBOZZ		RG5222C	10603	JUNCTION BOX.....	EA	1
7	23	XBOZZ	5325-00-940-7566	MS35489-17	46906	GRIMMET.....	EA	1
7	24	XBOZZ		RG51638	10603	THERMISTAT.....	EA	1



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Figure 8. Evaporator, Heater, Sight Indicator, Valves, and Tubing

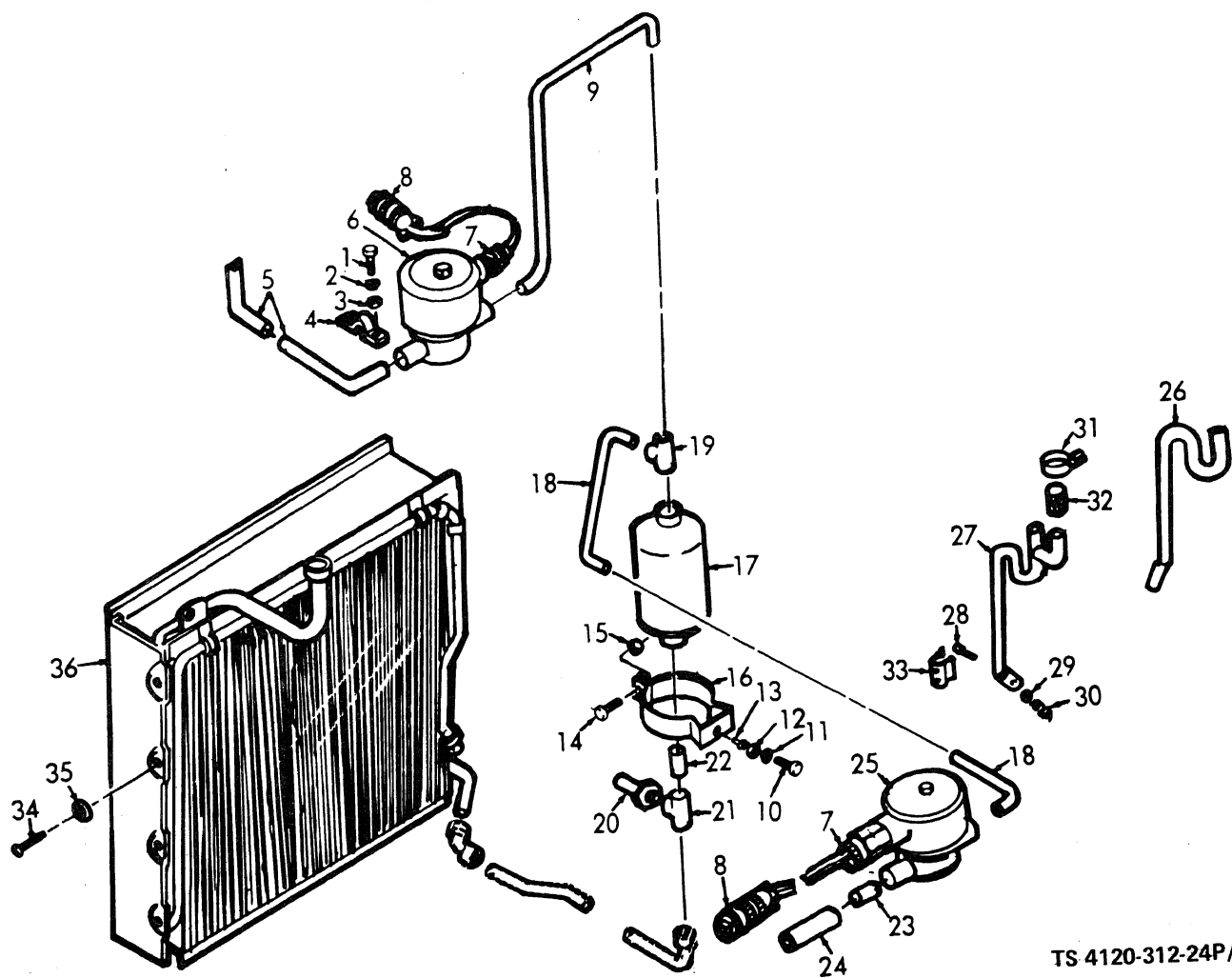
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODE		
						GROUP 06 EVAPORATOR, HEATING INDICATORS AND PIPING		
8	1	PAUZZ	5335-CO-964-7441	12-11-013-12	74-22	SCREW, SPECIAL CLAMP MTG, HEATER, NO. 8-32 THD SIZE, 5/8 IN. LG.....	EA	6
8	2	XBUZZ	5310-00-860-9344	12-110-14-12	74-22	WASHER, RETAINING JUNCTION BOX MTG.....	EA	6
8	3	XBUZZ		8387-2	70590	CLAMP ELEMENT MTG, FEATER.....	EA	6
8	4	XBUZZ		8227	70590	CLIP ELEMENT RETAINING.....	EA	6
8	5	MUZZZ		8182-1	74595	LEAD, ELECTRICAL FEATER ELEMENT, HR38 TO HR48 MANUFACTURE FROM: WIRE, ELECTRICAL, 4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL, LUG, MS25036-8 (70590).....	EA	1
8	5	MUZZZ		8182-2	74595	LEAD, ELECTRICAL FEATER ELEMENT, HR38 TO HR48 MANUFACTURE FROM: WIRE, ELECTRICAL, 4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL, LUG, MS25036-8 (70590).....	EA	1
8	5	MUZZZ		8182-4	74595	LEAD, ELECTRICAL FEATER ELEMENT, HR5A TO HR6A MANUFACTURE FROM: WIRE, ELECTRICAL, 4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL, LUG, MS25036-8 (70590).....	EA	1
8	5	MUZZZ		8182-5	74595	LEAD, ELECTRICAL FEATER ELEMENT, HR5B TO HR6B MANUFACTURE FROM: WIRE, ELECTRICAL, 4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL, LUG, MS25036-8 (70590).....	EA	1
8	6	PAFZZ	4130-00-878-0103	8353-1	70590	ELEMENT, FEATER.....	EA	6
8	7	PAUZZ	5305-CO-984-6154	MS25206-246	70590	SCREW, MACHINE NO. 8-32 THD. SIZE 5/8 IN. LG.....	EA	8
8	8	PAUZZ	5310-CO-809-8544	MS27183-7	70590	WASHER, FLAT NO. 8 SCREW SIZE.....	EA	10
8	9	PAUZZ	5310-00-889-2545	MS27045-C8	70590	NUT, SELF-LOCKING, NO. 8-32 THD SIZE.....	EA	6
8	10	XBUZZ		8307-100	70590	SWITCH, CONTROL, FEATER.....	EA	1
8	11	XBFZZ		MS20060040404	70590	RIVET, BLIND SUPPORT MTG.....	EA	4
8	12	XBFZZ		8214-100	70590	SUPPORT, HEATER ELEMENT MTG.....	EA	1
8	13	PAFZZ	5305-CO-995-6211	MS35207-271	70590	SCREW, MACHINE CLAMP MTG NO. 10-32 THD, SIZE 2 IN. LG.....	EA	1
8	14	PAFZZ	5310-CO-809-8546	MS27183-8	70590	WASHER, LOCK CLAMP MTG, NO. 10.....	EA	8
8	15	PAFZZ	5310-CO-809-8546	MS27183-8	70590	WASHER, FLAT CLAMP MTG, NO. 10.....	EA	1
8	16	XBFZZ		8376-1	70590	SPACER CLAMP MTG.....	EA	6
8	17	XBFZZ	5340-00-726-9321	MS275150G2C	70590	CLAMP, LGCP VALVE MTG.....	EA	1
8	18	XBFZZ		70237-131	70590	VALVE PRESSURE.....	EA	1
8	19	XBFZZ	4730-00-822-1277	W1715	41947	BUSHING REDUCER 5/8 IN. TO 1/2 IN.....	EA	1
8	20	MFFZZ		8232-15	70598	TUBE, COPPER CROSS TO PRESSURE RELIEF VALVE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-055-5900.....	EA	1
8	21	MFFZZ		8233-9	70590	TUBE, COPPER FLANGE TO TEE, 3/4 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-554-8692.....	EA	1
8	22	XBFZZ	5305-CO-068-0513	MS35060513	70598	SCREW, CAP FLANGE MTG, 1/4-20 THD SIZE, 3/4 IN. LG.....	EA	3
8	23	XBFZZ	4730-00-408-4566	8233-1	70598	FLANGE, TUBE.....	EA	1
8	24	XBFZZ	5330-00-018-7483	RNG146	80522	PACKING, PREFORMED FLANGE SEALING.....	EA	1
8	25	PAFZZ	5305-CO-989-7434	MS35207-263	70590	SCREW, MACHINE EVAPORATOR MTG NO. 10-32 THD. SIZE 1/2 IN. LG	EA	8
8	26	PAFZZ	5310-CO-809-8546	MS27183-8	70590	WASHER, FLAT EVAPORATOR MTG.....	EA	1
8	27	PAFZZ	4130-00-931-6765	PAF92005-100	70598	EVAPORATOR ASSEMBLY.....	EA	1
8	28	MFFZZ		8243-1	70598	TUBE, COPPER EQUALIZER LINE, 1/4 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3111.....	EA	1
8	29	XBFZZ		8243-2	70598	NUT, FLARED TUBE, EQUALIZER LINE.....	EA	1

SECTION II

TM 5-4120-312-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
8	30	XEFZZ		MS35490-6	70900	GROMMET, RUBBER.....	EA	2
8	31	XEFZZ		PS163	70425	SCREW, SPECIAL VALVE MTG.....	EA	2
6	32	XBFZZ		MS3533627	70900	WASHER, LOCK VALVE MTG.....	EA	2
8	33	PAFZZ	5310-00-080-6004	MS27183-14	70900	WASHER, FLAT VALVE MTG 5/8 IN. SCREW SIZE.....	EA	2
6	34	PAFZZ	4820-00-931-6766	DT11544	70425	VALVE, EXPANSION EVAPORATOR.....	EA	1
6	35	XEFZZ	5225-00-286-6047	MS35490-1	70900	GROMMET, RUBBER VALVE THERMOCLINE.....	EA	1
6	36	XBFZZ		8245-1	70900	BRACKET SIGHT GLASS INDICATOR MTG.....	EA	1
6	37	XBFZZ		8242-1	70900	SPACER SIGHT GLASS.....	EA	1
8	38	XEFZZ		8255-1	70900	GASKET SIGHT INDICATOR.....	EA	1
6	39	PAFZZ	4130-00-075-8404	SAK13	70904	INDICATOR, SIGHT REFRIGERANT.....	EA	1
6	40	MFFZZ		8244-1	70900	TUBE, ASSEMBLY VALVE TO SIGHT INDICATOR, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER NSN 4710-00-203-317.....	EA	1
8	41	PAFZZ	4620-00-940-8105	5539X4	70900	VALVE, SERVICE.....	EA	2
8	42	XBFZZ	4730-00-275-6527	A7E12	41947	ADAPTER, STRAIGHT.....	EA	1
8	43	XBFZZ		W40.5	41947	TEE 1/2 IN. X 1/2 IN. X 3/8 IN.....	EA	4
6	44	XBFZZ		8247-1 CC	70900	TUBE ASSEMBLY CROSS TO SERVICE VALVE.....	EA	1
6	45	MFFZZ		8232-3	70900	TUBE, COPPER CROSS TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	46	MFFZZ		8232-1	70900	TUBE, COPPER CROSS TO BY-PASS VALVE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	47	PAFZZ	4730-00-707-6550	A1452	41947	CROSS, TUBE.....	EA	1
8	48	MFFZZ		8232-8	70900	TUBE, COPPER TEE, 3/4 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	49	XBFZZ		8375-2	70900	TEE, TUBE 3/4 IN. BY 1/2 IN. BY 3/4 IN.....	EA	1
6	50	MFFZZ		8232-5	70900	TUBE, COPPER TEE TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	51	MFFZZ		8232-4	70900	TUBE, COPPER TEE TO PRESSURE RELIEF VALVE, 5/8 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	52	MFFZZ		8230-3	70900	TUBE, COPPER TEE TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900.....	EA	1
6	53	XEFZZ		8407-1	70900	COVER, SWITCH HI-PRESSURE CUT-OUT.....	EA	1
6	54	PAFZZ	5305-00-984-4564	MS35206-227	70900	SCREW, MACHINE PRESSURE SWITCH MTG, NO. 6-32 X 5/16 IN.....	EA	2
6	55	XBFZZ		MS35338-3	70900	WASHER, LOCK PRESSURE SWITCH MTG, NO. 6.....	EA	2
6	56	XBFZZ		2208P40-2000	72576	SWITCH, PRESSURE.....	EA	1
6	57	XBFZZ		8409-1 CC	70900	HARNESS, ASSEMBLY WIRING, HIGH PRESSURE SWITCH.....	EA	1
6	58	XBFZZ		SR301	60260	BUSHING STRAIN RELIEF.....	EA	1
6	59	PAFZZ	5305-00-953-2648	MS35107-235	70900	SCREW, MACHINE CLAMP MTG, NO. 10-32 X 5/8 IN.....	EA	3
6	60	PAFZZ	5310-00-009-8146	MS27183-8	70900	WASHER, FLAT CLAMP MTG, NO. 10.....	EA	3
6	61	XBFZZ		8376-1	70900	SPACER CLAMP MTG.....	EA	6
6	62	XBFZZ		MS27191908	70900	CLAMP, LOCK.....	EA	4
6	63	PAFZZ	5310-00-001-7128	MS27145-1	70900	NUT, SELF-LOCKING, CLAMP MTG, NO. 10-32.....	EA	1
6	64	XBFZZ		CTC	70900	CLAMP, TUBE SOLENOID VALVE MTG.....	EA	1
6	65	MFFZZ	4810-00-327-5065	MAF92001-1 CC	70900	VALVE, SOLENOID BY-PASS, HUI GAS, K3 N2O.....	EA	1

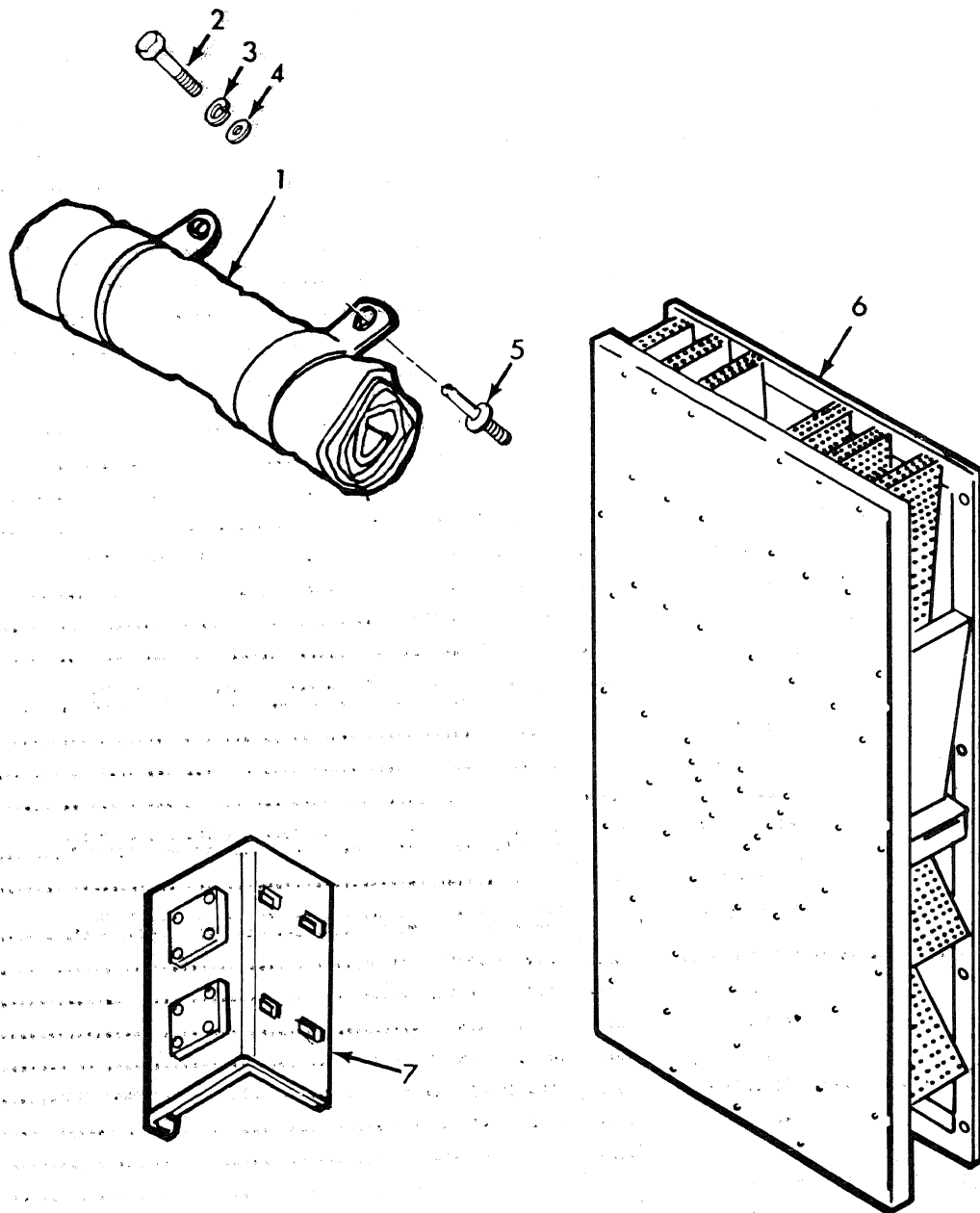
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Figure 9. Condenser, Dehydrator, and Valves

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 07 CONDENSER/DEHYDRATOR AND VALVES		
5	1	XEFZZ		MS25206-246	75700	SCREW, MACHINE STRAP MTG NO. 6-32 THD. SIZE 5/8 IN. LG.....	EA	8
5	2	PAFZZ	5310-CO-809-8544	MS27183-7	70700	WASHER, FLAT STRAP MTG NO. 6 SCREW SIZE.....	EA	8
5	3	PAFZZ	5310-CO-045-3255	MS35338-23	70700	WASHER, LOCK STRAP MTG NO. 6 SCREW SIZE.....	EA	8
5	4	XBFZZ		8265	70370	STRAP VALVE MTG.....	EA	1
5	5	XBFZZ		8310	70370	TUBE ASSEMBLY.....	EA	1
5	6	XBFZZ		MAF92002-100	73702	VALVE, SOLENOID K2.....	EA	1
5	7	XAUZZ		3MF23	73702	COIL SOLENOID.....	EA	1
5	7	XEFZZ		DHF7ADBMSA[0000	75307	BOX CONNECTOR.....	EA	2
5	8	XAUZZ		MS3106R16-54P	70700	CONNECTOR, PLUG.....	EA	2
5	9	MFFZZ		8261	70370	TUBE, COPPER VALVE TO DEHYDRATOR, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172.....	EA	1
5	10	XEFZZ		MS25256-5	70700	SCREW, CAP HEXAGON 1/4-20 X 1/4 IN. BRACKET MTG.....	EA	1
5	11	XEFZZ		MS35335-25	70700	WASHER, LOCK BRACKET MTG.....	EA	1
5	12	PAFZZ	5310-CO-809-4058	MS27183-10	70700	WASHER, FLAT BRACKET MTG.....	EA	1
5	13	PAFZZ	5310-CO-835-2135	MS27130-26K	70700	NUT, BLIND RIVET BRACKET MTG NO. 10-32 THD SIZE.....	EA	1
5	14	XEFZZ		MS35256-10	70700	SCREW, CAP, HEXAGON 1/4-20 X 1/4 IN. BRACKET MTG.....	EA	1
5	15	PAFZZ	5310-CO-061-7325	MS21045-4	70700	NUT, SELF-LOCKING, BRACKET MTG 1/4-28 THD. SIZE.....	EA	1
5	16	XBFZZ		8406	70370	BRACKET FILTER MTG.....	EA	1
5	17	XEFZZ		00005	70700	DEHYDRATOR.....	EA	1
5	18	MFFZZ		8262	70370	TUBE, COPPER, TEE TO VALVE, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172.....	EA	1
5	19	XEFZZ	4730-CO-263-6460	MS35255-3	70700	TEE, TUBE.....	EA	1
5	20	XBFZZ	4820-00-073-8405	3001-540	70303	VALVE PRESSURE.....	EA	1
5	21	XBFZZ	4730-00-143-8533	W4225	70700	TEE.....	EA	1
5	22	MFFZZ		47102033172	70370	TUBE, COPPER DEHYDRATOR TO TEE, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172.....	EA	1
5	23	XEFZZ		MS35250-1	70700	REDUCER.....	EA	2
5	24	MFFZZ		47102033111	70370	TUBE, COPPER SOLENOID VALVE, 1/4 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172.....	EA	1
5	25	XBFZZ	4820-00-327-5054	MAF92000-100	70370	VALVE, SOLENOID K1 NC.....	EA	1
5	26	XAGZZ		3MF23	73702	COIL SOLENOID VALVE, 207 VOLTS.....	EA	1
5	26	XBFZZ		8204-100	70370	TUBE, DRAIN LH.....	EA	1
5	27	XBFZZ		8206-100	70370	TUBE, DRAIN RH, EVAPORATOR.....	EA	1
5	28	PAFZZ	5315-00-234-1656	MS24665-155	70700	PIN, COTTER 1/16 X 1 IN. EVAPORATOR DRAIN CONNECTION.....	EA	1
5	29	XBFZZ		8411	70370	BALL EVAPORATOR.....	EA	1
5	30	XBFZZ		8412	70370	SPRING, HELICAL, TENSION.....	EA	1
5	31	PAFZZ	4730-00-908-3154	MS35842-1	70900	CLAMP, HOSE DRAIN.....	EA	1
5	32	XBFZZ		8323-1	70370	HOSE DRAIN.....	EA	2
5	33	XBFZZ	5340-CO-702-1424	53407021424	70370	CLIP, SPRING TENSION.....	EA	4
5	34	PAHZZ	5305-00-989-7434	MS35207-263	70900	SCREW, MACHINE CONDENSER MTG NO. 10-32 THD. SIZE 1/2 IN. LG.	EA	8
5	35	PAHZZ	5310-CO-809-8546	MS27183-8	70900	WASHER, FLAT CONDENSER MTG.....	EA	8
5	36	XBZZZ		MAF92004-100	90598	CONDENSER, ASSEMBLY.....	EA	1



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Figure 10. Accessory Item

SECTION II

TM 5-4120-312-24P

(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
						GROUP 08 ACCESSORY ITEM		
10	1	XEDZZ		CCV312	90522	COVER, TARPAULIN.....	EA	1
10	2	XEDZZ		53051511564	90570	SCREW, MACHINE TARPAULIN ATTACHING.....	EA	14
10	3	XEDZZ	5310-00-045-3255	53100453255	90570	WASHER, LOCK TARPAULIN MOUNTING.....	EA	14
10	4	XEDZZ	5310-00-011-4586	53100114986	90570	WASHER, FLAT TARPAULIN MOUNTING.....	EA	14
10	5	XEDZZ	5325-00-619-7045	408	91004	STUD, FASTENER, TURN TARPAULIN MTG.....	EA	2
10	6	XEDZZ		3758-1 CC	90570	ATTENUATOR, SOUND.....	EA	1
10	7	XEDZZ		0352	90570	BLOCKOFF ASSEMBLY JUNCTION BOX, 1/4 IN. CAGE NUT.....	EA	1

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4120-312-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-011-4586	10	4	5310-00-809-8544	9	2
5330-00-018-7483	8	44	5310-00-809-8546	1	40
5310-00-032-1814	5	20	5310-00-809-8546	8	14
5310-00-045-3296	3	11	5310-00-809-8546	8	15
5310-00-045-3296	4	20	5310-00-809-8546	8	26
5310-00-045-3296	5	13	5310-00-809-8546	8	60
5310-00-045-3296	7	2	5310-00-809-8546	9	35
5310-00-045-3299	2	17	5310-00-809-8546	6	8
5310-00-045-3299	6	2	5310-00-809-8546	8	19
5310-00-045-3299	9	3	5310-00-809-8546	4	23
5310-00-045-3299	10	3	5310-00-809-8546	5	11
5310-00-045-3299	1	44	5310-00-809-8546	9	13
5305-00-053-1114	6	12	5310-00-809-8546	1	44
5305-00-053-1114	7	10	5310-00-809-8546	2	2
5305-00-056-9545	9	20	5310-00-809-8546	8	6
5310-00-061-7325	4	3	5310-00-809-8546	7	6
5310-00-061-7325	5	17	5310-00-809-8546	8	2
5310-00-061-7325	8	20	5310-00-809-8546	5	40
5310-00-061-7325	4	1	5310-00-809-8546	5	28
5305-00-066-0502	4	1	5310-00-809-8546	4	10
5305-00-066-0502	8	20	5310-00-809-8546	9	9
4130-00-073-8404	8	20	5310-00-809-8546	5	39
4820-00-073-8405	9	20	5310-00-809-8546	7	15
5310-00-080-0004	2	3	5310-00-809-8546	5	4
5310-00-080-0004	9	20	5310-00-809-8546	5	30
5320-00-087-0010	2	3	5310-00-809-8546	4	16
4130-00-089-3372	7	7	5310-00-809-8546	9	31
4130-00-089-3372	7	7	5310-00-809-8546	5	25
5920-00-142-7448	5	17	5310-00-809-8546	6	22
4730-00-142-7448	7	17	5310-00-809-8546	4	18
5310-00-188-7572	2	3	5310-00-809-8546	1	11
5310-00-200-5135	1	10	5310-00-809-8546	8	27
5315-00-234-1856	6	20	5310-00-809-8546	9	34
5305-00-235-4727	7	1	5310-00-809-8546	3	1
5310-00-242-7711	7	17	5310-00-809-8546	7	16
4730-00-262-8460	8	17	5310-00-809-8546	4	22
4730-00-275-5527	8	17	5310-00-809-8546	6	26
5325-00-280-5047	8	17	5310-00-809-8546	7	23
5305-00-302-1811	2	3	5310-00-809-8546	8	41
4810-00-327-5089	3	17	5310-00-809-8546	9	30
4810-00-327-5089	3	17	5310-00-809-8546	5	1
5310-00-404-3855	7	17	5310-00-809-8546	4	12
4730-00-408-4566	8	17	5310-00-809-8546	7	13
3120-00-410-3718	7	17	5310-00-809-8546	1	35
5310-00-530-9563	1	17	5310-00-809-8546	5	7
5340-00-543-4394	1	17	5310-00-809-8546	1	24
5335-00-577-8585	1	17	5310-00-809-8546	6	17
6145-00-578-7517	1	17	5310-00-809-8546	9	54
5305-00-579-4152	2	3	5310-00-809-8546	6	5
5310-00-584-7800	4	17	5310-00-809-8546	4	8
5340-00-586-1852	4	17	5310-00-809-8546	1	9
5325-00-619-7045	10	3	5310-00-809-8546	1	16
5340-00-702-1424	3	17	5310-00-809-8546	2	1
4730-00-707-3950	3	17	5310-00-809-8546	4	7
5325-00-724-7655	1	17	5310-00-809-8546	8	1
5340-00-726-9321	3	17	5310-00-809-8546	4	72
5315-00-730-4564	2	3	5310-00-809-8546	5	23
5315-00-730-4564	2	3	5310-00-809-8546	6	25
5335-00-801-8616	3	17	5310-00-809-8546	9	34
5310-00-802-3544	5	17	5310-00-809-8546	4	4
5310-00-805-4058	1	17	5310-00-809-8546	5	24
5320-00-809-4058	2	3	5310-00-809-8546	1	19
5310-00-809-4058	4	17	5310-00-809-8546	8	59
5310-00-809-4058	9	17	5310-00-809-8546	4	20
5310-00-809-4058	1	17	5310-00-809-8546	4	11
5310-00-809-4058	2	3	5310-00-809-8546	9	13
5310-00-809-4058	8	17	5310-00-809-8546	1	17
5310-00-809-4058	8	17	5310-00-809-8546	1	1
5310-00-167-0767	1	17	5305-00-984-6195	1	1
5310-00-167-0768	1	17			

PART NUMBER	FIG. NO.	ITEM NO.	PART NUMBER	FIG. NO.	ITEM NO.
AN570-5	8100	1	66374-22-41	78553	24
A002AR131	10000	1	66374-22-41	78553	17
A442	41447	3	C7388-1420	78553	10
A7812	41447	3	DMF9ALUMAC89B	49367	7
CE5007d	10000	1	DMF9ALUMAC89B	49367	73
CUV312	6000	10	DT11544	70255	34
CU835	78400	17	ERF21581	58849	25
			FLR70	60537	35

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
FT52AL2E2	10000	7	9	MS35206-245	95906	5	1
F24-35	46210	7	7	MS35206-246	96906	2	3
F4-115	46210	7	4	MS35206-246	96906	2	16
F4-115	46210	7	12	MS35206-246	96906	6	1
H4-130	46210	7	9	MS35206-246	96906	8	7
H4-130	46210	7	8	MS35207-210	96906	5	10
H434-125-10	71200	7	26	MS35207-263	96906	5	23
K1A5	10000	1	8	MS35207-263	96906	8	25
K2900000	90000	7	0	MS35207-263	96906	9	24
K500000	90000	7	25	MS35207-264	96906	1	4
M4F52000-100	90000	0	65	MS35207-265	96906	1	29
M4F52000-100	90000	0	57	MS35207-265	96906	2	59
M4F52000-100	90000	7	5	MS35207-267	96906	4	20
M4F52000-100	90000	7	36	MS35207-271	96906	8	13
M4F52000-100	90000	0	17	MS35207-291	96906	4	12
M4F52000-100	90000	0	14	MS35225-13	96906	5	4
M4F52000-100	90000	1	12	MS35221-6	96906	4	1
M4F52000-100	90000	7	21	MS35233-20	96906	9	14
M4F52000-100	90000	0	11	MS35233-6	96906	1	50
M4F52000-100	90000	0	10	MS35233-6	96906	9	10
M4F52000-100	90000	0	20	MS35233-7	96906	2	17
M4F52000-100	90000	0	14	MS35233-7	96906	3	14
M4F52000-100	90000	0	36	MS35233-21	96906	7	17
M4F52000-100	90000	0	75	MS35233-22	96906	7	11
M4F52000-100	90000	0	2	MS35233-23	96906	7	2
M4F52000-100	90000	0	4	MS35233-23	96906	2	17
M4F52000-100	90000	0	33	MS35233-23	96906	6	2
M4F52000-100	90000	0	10	MS35233-23	96906	0	3
M4F52000-100	90000	0	9	MS35233-3	96906	8	55
M4F52000-100	90000	0	9	MS35233-43	96906	4	13
M4F52000-100	90000	0	14	MS35233-43	96906	5	13
M4F52000-100	90000	0	20	MS35233-5	96906	2	3
M4F52000-100	90000	0	15	MS35233-5	96906	3	11
M4F52000-100	90000	0	4	MS35233-25	96906	4	2
M4F52000-100	90000	0	17	MS35233-25	96906	9	11
M4F52000-100	90000	0	42	MS35233-27	96906	2	7
M4F52000-100	90000	0	62	MS35233-8	96906	1	41
M4F52000-100	90000	0	47	MS35233-8	96906	1	51
M4F52000-100	90000	0	22	MS35233-25	96906	8	32
M4F52000-100	90000	0	12	MS35233-27	96906	3	2
M4F52000-100	90000	0	3	MS35248-37	96906	7	23
M4F52000-100	90000	0	28	MS35248-1	96906	8	35
M4F52000-100	90000	0	27	MS35248-6	96906	8	30
M4F52000-100	90000	0	9	MS35249-242	96906	7	16
M4F52000-100	90000	0	17	MS35250-102	96906	4	22
M4F52000-100	90000	0	23	MS35242-1	96906	9	31
M4F52000-100	90000	0	13	MS35250-1	96906	9	23
M4F52000-100	90000	0	10	MS35252-3	96906	9	19
M4F52000-100	90000	0	31	MS35252-3	96906	7	18
M4F52000-100	90000	0	52	MS35252-5	96906	7	6
M4F52000-100	90000	0	3	MS35252	96906	5	9
M4F52000-100	90000	0	3	MS35252-29	96906	3	15
M4F52000-100	90000	0	3	MW000JC	96906	5	37
M4F52000-100	90000	0	12	MS35251-43CL ASS3yTo0	96906	6	7
M4F52000-100	90000	0	6	NTP-25	96906	8	70
M4F52000-100	90000	0	32	PS1211-8	96906	8	31
M4F52000-100	90000	0	3	PS163	96906	3	1
M4F52000-100	90000	0	18	PS1674	96906	1	43
M4F52000-100	90000	0	3	PS1675	96906	2	1
M4F52000-100	90000	0	8	PJ12	96906	4	18
M4F52000-100	90000	7	2	RBE75	96906	7	20
M4F52000-100	90000	0	40	RG5004B	96906	7	24
M4F52000-100	90000	0	14	RG5163B	96906	7	22
M4F52000-100	90000	0	15	RG5222C	96906	8	24
M4F52000-100	90000	0	26	RNG146	96906	8	39
M4F52000-100	90000	0	60	SAK13	96906	1	44
M4F52000-100	90000	7	35	SB312-3	96906	8	58
M4F52000-100	90000	4	23	S83P1	96906	3	5
M4F52000-100	90000	0	21	S75-250	96906	8	72
M4F52000-100	90000	0	18	TCL50H	96906	8	19
M4F52000-100	90000	7	19	W1715	96906	9	43
M4F52000-100	90000	7	8	W4015	96906	7	12
M4F52000-100	90000	0	8	W4229	96906	7	14
M4F52000-100	90000	0	74	1RG4076C	96906	3	19
M4F52000-100	90000	0	1	1RG5212C	96906	5	1
M4F52000-100	90000	0	10	1185-5CNO625	96906	8	1
M4F52000-100	90000	0	39	12-11-203-12	96906	8	1
M4F52000-100	90000	7	15	12-11-613-12	96906	5	2
M4F52000-100	90000	0	54	12-110-14-12	96906	8	2
M4F52000-100	90000	0	5	12-110-14-12	96906	1	38
M4F52000-100	90000	0	1	12R1A	96906	1	38
M4F52000-100	90000	1	1				
M4F52000-100	90000	7	2				

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 38.82 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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SOMETHING WRONG WITH THIS MANUAL?

THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3d ENGINEER BN

FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

TM 5-4120-312-24P

DATE

21 Jan 80

TITLE

Air Conditioner; Compact Vertical
208V, 3 Phase, 18,000 BTUH Cooling

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

6

2-1
a

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

81

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

125

line 20

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered so the NSN is wrong. Please give me a good NSN.

SAMPLE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

DA FORM 2028-2

1 AUG 74

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.
DRSTS-M Overprint 1, 1 Nov 78

THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

DATE _____

DATE _____

TITLE

21 Jan 80

Air Conditioner; Compact Vertical
208V, 3 Phase, 18,000 BTUH Cooling

**IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:**

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE: